

RC-12P2N129WEP - Circular connector (cable-side)



1616058

<https://www.phoenixcontact.com/us/products/1616058>

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Commercial data

Item number	1616058
Packing unit	8 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAFH
GTIN	4046356883023
Weight per piece (including packing)	144.29 g
Weight per piece (excluding packing)	144.29 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connector (cable-side)
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Connector

Insulating body

Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	12
Direction of rotation	Counter direction
Connection profile	12
Number (Contact group 1)	12
Contact diameter (Contact group 1)	1 mm
Litz wires Min. cross section (Contact group 1)	0.08 mm ²
Litz wires Max. cross section (Contact group 1)	1 mm ²
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Seal

External cable diameter	3 mm ... 10.5 mm
Seal material	NBR

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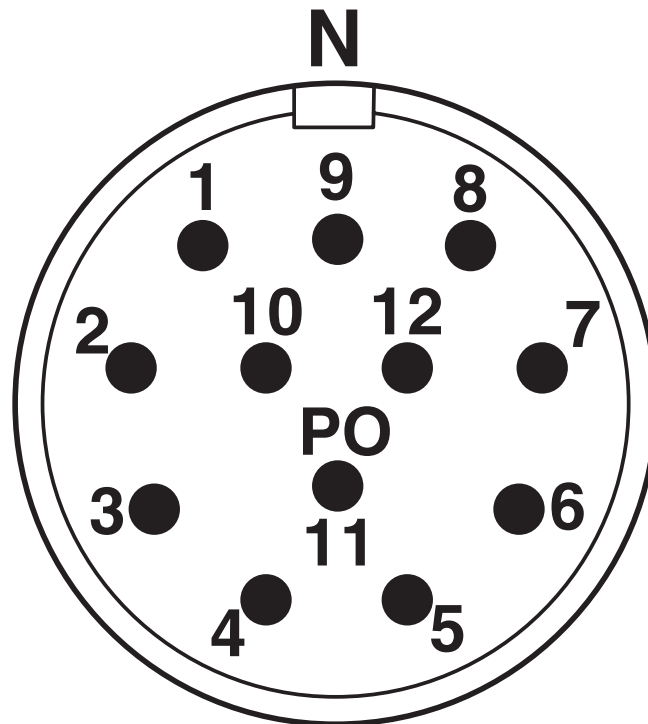


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Drawings

Schematic diagram



Connector pin assignment

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Schematic diagram



Technical drawings can be found under Downloads

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